BURNS

The Journal of the International Society for Burn Injuries

1994

Volume 20

(ISSN 0305–4179)

Publishers: Butterworth-Heinemann Ltd, Linacre House, Jordan Hill, Oxford OX2 8DP, UK

Editor: Dr J. W. L. Davies, Department of Surgery, Royal Infirmary, Glasgow G31 2ER, Scotland, UK

AUTHOR INDEX

Ad-El D., see Benmeir P., 248
Adeniran A., see Guy P. R., 561
Ajay A., see Rakesh S., 276
Akhtar M., Mulawkar P. M. and Kulkarni H. R., Burns in pregnancy: effect on maternal and fetal outcomes, 351
Akimoto M., see Gao J-H., 65
Ao (Ngao L., see Jing A., 128
Aoki R., see Gao J-H., 65
Auclair P., see Carney S. A., 163
Auger F. A., see Choiniere M., 229

Bacha E. A., Sheridan R. L., Donohue G. A. and Tompkins R. G., Staphylococcal toxic shock syndrome in a paediatric burn unit, 499
Baena P., see Reig, A., 51
Baena-Montilla P., see Benito-Ruiz J., 553
Bailie F. B., see Braam M. J. I., 360
Balakrishnan C., Noorily M. J., Prasad J. K. and Wilson R. F., Metastatic adenocarcinoma in a recent burn scar, 371
Balakrishnan C., Webber J. D. and Prasad J. K., Lymphoedema of lower extremities following debridement of extensive full skin thickness burns, 365
Balcerkiewicz A., see Kaiser H. W., 23
Baldwin A. S., see Tinsley E. S., 79
Barlow Y., T lymphocytes and immunosuppression in the burned patient: a review, 487
Baruchin A. M., Erythema ab igne – a neglected entity?, 460
Batchelor J. S., Vanjari S., Budny P. and Roberts A. H. N., Domestic iron burns in children a cause for concern, 74
Bath A. P. see Bram M. J. I., 360
Beausang E. and Herbert K., Burns from a dust explosion, 526
Bassat H., see Eldad A., 262
Benians R., Links between records of a regional burns unit and a local authority children and families consultation service, 325
Benito-Ruiz J., Baena-Montilla P., Navarro-Monzonis A., Bonanad E. and Cavadas P., Severe electric burn of the skull, 553
Benmeir P., see Eldad A., 262
Benmeir P., Lusthaus S., Talisman R., Ad-El D., Sagi A., Weinberg A., Eldad A., Newman A., Wexler M. R., Terrorist bombing with a 'Molotov cocktail' inside travelling cars: an old weapon for a new burn syndrome?, 248
Benmeir P., Lusthaus S., Weinberg A., Neuman A. and Eldad A., Letter to the Editor, 281
Bentrem D. J., see Himel H. N., 244
Bernard F., Gueugniaud P-Y., Bertin-Maghit M., Bouchard C., Vilasco B. and Petit P., Prognostic significance of early cardiac index measurements in severely burned patients, 529
Bertin-Maghit M., see Bernard F., 529
Bill T. J., see Himel H. N., 244
Bloch C. E., see Hudson D. A., 251
Blomberg P. A. H., see King S. D., 256
Bogojevic D., see Sevaljevic L., 122
Bojadjiev Chr., see Lesseva M., 422
Bonanad E., see Benito-Ruiz J., 553
Botha N. J., see Steenkamp W. C., 522
Bouchard C., see Bernard F., 529
Boyce S. T., see Holder I. A., 426
Braam M. J. I., Bath A. P., Spauwen P. H. M. and Bailie F. B., Survey of analgesia regimens in burns centres in the UK, 360
Bracher M., see de Chalain T. M. B., 416
Bradley T., see Hussmann, J., S61
Brans T. A., Dutrieux R. P., Hoekstra M. J., Kreis R. W. and du Pont J. S., Histopathological evaluation of scalds and contact burns in the pig model, S48
Brans T. A., Hoekstra M. J., Vloemans A. F. P. M. and Kreis R. W., Long-term results of the treatment of scalds in children with glycerol-preserved allografts, S10
Briscoe P., see Canady J. W., 115
Budny P., see Batchelor J. S., 74
Buitenwerf J., see van Baare J., S77
Bunting P., see Miller J. G., 542
Burd D. A. R., see Miller J. G., 542
Burd D. A. R., see Chakrabarty K. H., 367
Burd D. A. R., see Guy P. R., 561
Burke J. F., see Tang Y-W., 508
Butt A. D., see Irving G. A., 241

Cai B. R., see Xiao J., 340
Calcagni M., see Stella M., 491
Calobrace M. B., see Kim J., 200
Camporesi E. M., see Nieman G. F., 157
Canady J. W., Hiebert J. M., Mani M. M., Briscoe P. and Thompson S. A., Effects of argon beam coagulation on split thickness skin graft survival in the swine model, 115
Carney S. A., Cason C. G., Gowar J. P., Stevenson J. H., McNee J., Groves A. R., Thomas S. S., Hart N. B. and Auclair P., Cica-Care gel sheeting in the management of hypertrophic scarring, 163
Carter E. J., see Kim J., 200
Carter E. J., see Noonan T., 202
Cason C. G., see Carney S. A., 162
Castagnoli C., see Peruccio D., 118
Castagnoli C., Stella M., Magliacani G., Ferrone S. and Momigliano Richiardi P., Similar ectopic expression of ICAM-1 and HLA Class II molecules in hypertrophic scars following thermal injury, 430
Catalan R., see Farriol M., 496
Cavadas P., See Benito-Ruiz J., 553
Cavallini M., see El Hadidy M., 226
Ceilino G., see Stella M., 491
Cetin C., see Selmanpakoglu A. N., 99
Chada A., see Kumar P., 236
Chai C-Y., see Lin S. D., 30
Chakrabarty K. H., Taggart I. and Burd D. A. R., Aftershave burns, 367
Chaouat M., see Eldad A., 262
Chapman J. C., Sarhadi N. S. and Watson A. C. H., Declining incidence of paediatric burns in Scotland: a review of 1114 children with burns treated as inpatients and outpatients in a regional centre, 106
Chill J., see Rider M. A., 260
Chen Y-F., see Jiang H-Q., 83
Chen Z. R. and Lou S. F., Sites of inhibition of mitochondrial electron transport by D1, an organic solvent extractable component from burn eschar, 311
Childs C., Studies in children provide a model to re-examine the metabolic response to burn injury in patients treated by contemporary burn protocols, 291
Childs C., Edwards-Jones V., Heathcote D. M., Dawson M. and Davenport P. J., Patterns of *Staphylococcus aureus* colonization, toxin production, immunity and illness in burned children, 514
Choiniere M., Auger F. A. and Latarjet J., Visual analogue thermometer: a valid and useful instrument for measuring pain in burned patients, 229
Chou C-K., see Lin S. D., 30
Chou C-K., see Lai C-S., 151
Cianci P. and Sato R., Adjunctive hyperbaric oxygen therapy in the treatment of thermal burns: a review, 5
Cigada M., see Nieman G. F., 157
Clark W. R., see Nieman G. F., 157
Colic M., see Kataranovski M., 403
Colonna M., see El Hadidy M., 226
Compton C., see Hickerson W. L., S52
Constable J. D., The state of burn care: past, present, and future, 316
Crocker A. D., see Giele H. P., 278

D'Alfonso S., see Peruccio D., 118
Da Li Z., see Jiang H-Q., 83
Davenport P. J., see Childs C., 514
Davidescu I., see Enescu D., 154
Davies J. W. L., Burn care facilities in European Countries, 453
Davies M. P., Evans J. and McGonigle R. J. S., The dialysis debate: acute renal failure in burns patients, 71
Dawson M., see Childs C., 514
de Backare A. C. J., Euro Skin Bank: large scale banking in Europe based on glycerol-preservation of donor skin, 54
Debrunner H. U., see de Roche R., 58
de Chalain T. M. B., Bracher M., Linley W., Gerneke D. and Hickman R., Cytoskeletal actin: the influence of major burns on neutrophil structure and function, 416
De Caluwe D., see Peeters R., S32
Del Pozzo J., see Nieman G. F., 157
de Roche R., Lüscher N. J., Debrunner H. U. and Fischer R., Epidemiological data and costs of burn injuries in workers in Switzerland: an argument for immediate treatment in burn centres, 58
Dhanraj P., see Sen N., 271
Dickson W. A., see Harper R. D., 336
Dong Y-L., Herndon D. N., Yan T. Z. and Waymack J. P., Effect of PGE in multiple experimental models IX: in vivo effects of PGE on immune response of leucocytes to wounds, 132
Donnersmarck V., see Schiozer W. A., 503
Donohue G. A., see Bacha E. A., 499
Du Pont J. S., see Brans T. A., S48
Du Pont J. S., see Hoekstra M J., S43
Du Pont J. S., see van Barre J., S77
Duhamel A., see Martinot V., 146
Dujic A., see Kataranovski M., 403
Dunn K. W., see Hurren J. S., 178
Dutrieux R. P., see Brans T. A., S48
Dziewulski P., see Sheth H., 334

Ebert R., see Hafemann B., 168
Edelman P. A., see Noonan T., 202
Edlich R. F., see Himel H. N., 244
Edlich R. F., see Moghtader J. C., 176
Edlich R. F., see Park S. M., 273
Edlich R. F., see Tinsley E. S., 79
Edwards J. D., see Miller J. G., 542
Edwards-Jones V., see Childs C., 514
Ekpenyong L., see Ramanathan C., 111
El Hadidy M., Tesauro P., Cavallini M., Colonna M., Rizzo F. and Signorini M., Contraction and growth of deep burn wounds covered by non-meshed and meshed split thickness skin grafts in humans, 226
Eldad A., see Benmeir P., 248, 281
Eldad A., Benmeir P., Weinberg A., Neuman A., Chaouat M., Ben-Bassat H. and Wexler M. R., Cyclosporin A treatment failed to extend skin allograft survival in two burn patients, 262
Eltigani E. and Matthews R. N., An unusual cause of sunbed burns, 87
Enescu D., Davidescu I and Enescu M., Paediatric burns in Bucharest, Romania: 4327 cases over a 5-year period, 154
Enescu M., see Enescu D., 154
Ensslen S., see Hafemann B., 168
Erzingatsian K., see Nath, S., 438
Evans J., see Davies M. P., 71
Evans J., see Hobson M. I., 442

Fang R-H., see Tang Y-W., 508
Farriol M., Schwartz S., Rossello J., Galard R.,

© 1994 Butterworth-Heinemann Ltd
0305–4179/94/060573–08

Catalan R. and Huguet P., Epidermal growth factor excretion in burned rats, 496
Ferrone S., see Castagnoli C., 430
Fevrier P., see Martinot V., 146
Fischer R., see de Roche R., 58
Fletchall S., see Hickerson W. L., S52
Foldi J. F., see Kim J., 200
Fryburg D. A., see Park S. M., 273
Fumirri M., see Gao J-H., 65

Galard R., see Farriol M., 496
Gandhi B. V., see Sunavala J. D., 267
Gao J-H., Hyakusoku H., Inoue S., Aoki R., Kanno K., Akimoto M., Hirai T., Fumirri M. and Luo J-H., Usefulness of narrow pedicled intercostal cutaneous perforator flap for coverage of the burned hand, 65
Garcia-Sanchez V., Palao R. and Legarre F., Self-inflicted burns, 537
Garcia Torres V., see Perez Jiminez J. P., 532
Gerneke D., see de Chalain T. M. B., 416
Ghofrani A., see Hettich R., S71
Giele H. P., Nguyen H., Wood F. and Crocker A. D., Management of full thickness burns to lactating breasts, 278
Girgitzova B. P., see Lesseva M., 422
Gomez Bajo G. J., see Perez Jiminez J. P., 532
Gosh M., see Harris N. J., 471
Gottlieb L. J., see Weinzweig J., 180
Gowar J. P., see Carney S. A., 163
Green C., see McKay I., S19
Green C. J., see Navsaria H., S57
Groves A. R., see Carney S. A., 163
Gueugniaud P-Y., see Bernard F., 529
Guy P. R., Taggart I., Adeniran A. and Burd D. A., Corneal burns with eyelid sparing and their treatment

Haedersdal M. and Wulf H. C., Pigmentation dependent, short time skin reactions to copper vapour laser and argon laser treatment, 195
Hafemann B., see Hettich R., S71
Hafemann B., Hettich R., Ensslen S., Kowol B., Zuhlke A., Ebert R., Konigs M. and Kirkpatrick C. J., Treatment of skin defects using suspensions of in vitro cultured keratinocytes, 168
Hakim T. S., see Nieman G. F., 157
Hallyburton Stretton J. E., Burn treated with ethyl alcohol, Letter to the Editor, 187
Hansbrough J. F. and Tenenhaus M., Corticotropin releasing factor, Letter to the Editor, 282
Hansbrough J. F., see Tenenhaus M., 220
Hargroder A., see Himel H. N., 244
Harper R. D. and Dickson W. A., Mr Muscle oven cleaner – is he too strong for us?, 336
Harris N. J. and Gosh M., Skin and extremity loss in meningococcal septicaemia treated in a burn unit, 471
Hart N. B., see Carney S. A., 163
Hartinger A., see Schiozer W. A., 503
Hata Y., see Yano K., 36
Heathcote D. M., see Childs C., 514
Hebebrand D., see Hussmann J., S61
Henckel G., see Schiozer W. A., 503
Herbert K., see Beausang E., 526
Hermans R. P., see Kreis R. W., S39
Hermans R. P., Chairman's overview, S3
Herndon D. N., see Dong Y-L., 132
Hettich R., see Hafemann B., 168
Hettich R., Ghofrani A. and Hafemann B., The immunogenicity of glycerol-preserved donor skin, S71
Hickerson W. L., Compton C., Fletchall S. and Smith L. R., Cultured epidermal autografts and allodermis combination for permanent burn wound coverage, S52
Hickman R., see de Chalain T. M. B., 416
Hiebert J. M., see Canady J. W., 115
Himel H. N., see Moghtader J. C., 176
Himel H. N., see Park S. M., 273
Himel H. N., see Tinsley E. S., 79
Himel H. N., Bill T. J., Bentrem D. J., Hargroder A., Morgan R. F. and Edlich R. F., Biomechanical performances of a disposable graft stapler with absorbable skin tacs, 244
Hirai T., see Gao J-H., 65
Hobson M. I., Evans J. and Stewart I. P., An audit of non-accidental injury in burned children, 442
Hodgkinson P., see Pape S. A., 281
Hoekstra H., see McKay I., S19
Hoekstra M. J., see Brans T. A., S10, S48
Hoekstra M. J., see van Baare J., S77
Hoekstra M. J., Kreis R. W. and du Pont J. S., History of the Euro Skin Bank: the innovation of preservation technologies, S43
Holder I. A. and Boyce S. T., Agar well diffusion assay testing of bacterial susceptibility to various antimicrobials in concentrations non-toxic to human cells in culture, 426
Holliday W. L., see Park S. M., 273
Horch R., Stark G. B., Kopp J. and Spilker G., Cologne Burn centre experience with glycerol-preserved allogeneic skin. Part 1: Clinical experiences and histological findings (overgraft and sandwich technique), S23
Horch R., Spilker G. and Stark G. B., Phenol burns and intoxications, 45
Horng S-Y., see Lin, T-W., 526
Howie C. C. M., Partners in care: The A.B. Wallace Memorial Lecture 1993, 307
Hrtinger A., see Schiozer W. A.
Huang W-H., see Liu X-S., 40
Hubens A., see Peeters R., S32
Hudson D. A., Rode H. and Block C. E., Primus stove burns in Cape Town: a costly but preventable injury, 251
Hudson D. A., Jones L. and Rode H., Respiratory distress secondary to scalds in children 434
Huguet P., see Farriol M., 496
Hurren J. A. and Dun K. W., Sponaneous pneumothorax in association with a major burn, 178
Hussmann J., Russell R. C., Kucan J. O., Hebebrand D., Bradley T. and Steinau H. U., The use of glycerolized human allografts as temporary (and permanent) cover in adults and children, S61
Hyakusoku H., see Gao J-H., 65

Inoue S., see Gao J-H., 65
Irving G. A. and Butt A. D., Anaesthesia for burns in children: a review of procedures practised at Red Cross War Memorial Children's Hospital, Cape Town, 241
Isimer A., see Selmanpakoglu A. N., 99
Ito O., see Yano K., 36

Jagetia G. C., see Kumar P., 397
Jianchuan G., see Jing A., 128
Jiang H-Q., Chen Y-F., Li A (N) and Da Li Z. Clinical burn wound infection caused by L-forms of *Staphylococcus aureus*, 83
Jing A., Ao(Ngao), L. Zongcheng Y. and Jianchuan G., Dynamic changes of fibrinopeptides A and B in sera of burn patients and their effects on vascular endothelial cells, 128
Johnson C. L., Call for proposals for sister burn unit exchange programme, 182
Jones L., see Hudson D. A., 434
Juma A., Bitumen burns and the use of baby oil, 363

Kaiser H. W., see Stark G. B., S34
Kaiser H. W., Stark G. B., Kopp J., Balcerkiewicz A., Spilker G. and Kreysel H. W., Cultured autologous keratinocytes in fibrin glue suspension, exclusively and combined with STS-allograft (preliminary clinical and histological report of a new technique), 23
Kalayi G. D. and Muhammad I., Clothing burns in Zaria, 356
Kangesu T., see Navsaria H., S57
Kanno K., see Gao J-H., 65
Karacaoglan N. and Uysal A., Reconstruction of postburn scar contracture of the neck by expanded skin flaps, 547
Kataranovski M., Kucuk J., Colic M., Rapajic M., Lilic D., Pejnovic N. and Dujic A., Post-traumatic activation of draining lymph node cells II. Proliferative and phenotypic characteristics, 403
Kehlet H., see Moiniche S., 483
Kharas R. J., see Sunavala J. D., 267
Kim J., Weibel T. J., Carter E. J., Calobrace M. B., Foldi J. F. and Zawacki B. E., A standard experimental 'chemical burn', 200
King S. D., Blomberg P. A. H. and Pegg S. P., Preventing morphological disturbances in burn-scarred children wearing compressive face garments, 256
Kirkpatrick C. J., see Hafemann B., 168
Knape P., see Mackie D. P., S14
Konigs M., see Hafemann B., 168
Kopp J., see Horch R., S23
Kopp J., see Kaiser H. W., 23
Kowol B., see Hafemann B., 168
Kries R. W., see Brans T. A., S10, S48
Kreis R. W., see Hoekstra M. J., S43
Kreis R. W., Mackie D. P., Hermans R. P. and Vloemans A. F. P. M., Expansion techniques for skin grafts: comparison between mesh and Meek island (sandwich-) grafts, S39
Kreysel H. W., see Kaiser H. W., 23
Krizek T. J., see Weinzweig J., 180
Krstic R., see Krupp S., 15
Krupp S., Wiesner L., Krstic R., Pescia G. and Winistörfer B., Mid-term results with cultured epidermal autografts, allogenic skin transplants and cyclosporin A medication, 15
Kucan J. O., see Hussmann J., S61
Kucuk J., see Kataranovski M., 403
Kuijper E. C., see Mackie D. P., 14
Kukulka S. P., see Tomera J. F., 212
Kulkarni H. R., see Akhtar M., 351
Kumar P., see Prasanna M., 446
Kumar P. and Jagetia G. C., A review of triage and management of burns victims following a nuclear disaster, 397
Kumar P., Sharma M. and Chadha A., Epidemiological determinants of burns in paediatric and adolescent patients from a centre in Western India, 236
Kumar P. and Varma R., Immediate reconstruction of chest and abdominal wall defect following high voltage electrical injury, 557
Kwok F. S-L., see Lo S. C-L. 186
Kuijper E. C., see Mackie D. P., S14

Lai C-S., see Lin S. D., 30
Lai C-S., Lin, S-D., Tsai C-C., Tsai C-W. and Chou C-K., An easy way to prepare microskin grafts, 151
Lai W-T., see Lo S. C-L., 186
Larsen T. K., see Lindblad B. E., 173
Latarjet J., see Choiniere M., 229
Law E. J., see Still Jr, J. M., 85, 467, 539
Lawrence J. C., see Topley E., 409
Legarre F., see Garcia-Sanchez V., 537
Leigh I. M., see Navsaria H., S57
Lesseva M., Girgitzovaz B. P. and Bojadjiev Chr., Beta-haemolytic streptococcal infections in burned patients, 422
Li A (N), see Jiang H-Q. 83
Li A (N), see Liu X-S., 40, 302
Lilford K., see Tomera J. F., 136, 212
Lilic D., see Kataranovski M., 403
Lin S-D., see Lai C-S., 151
Lin S. D., Chai C-Y., Lai C-S. and Chou C-K., A mixture of allogeneic and autologous microskin grafting of rabbit skin wounds with Biobrane overlay, 30

Lin T-W., The algebraic view-point in microskin grafting in burned patients, 347
Lin T-W. and Horng S-Y., A new method of microskin mincing, 526
Lindblad B. E., Mikkelsen S. S., Larsen T. K. and Steinke M. S., A comparative analysis of burn injuries at two burns centres in Denmark, 173
Linley W., see de Chalain T. M. B., 416
Liu X-S., Luo Z-H., Yang Z-C., Huang W-H. and Li A. (N), The significance of changes in serum tumour necrosis factor (TNF) activity in severely burned patients, 40
Liu X-S., Yang Z-C., Luo Z-H. and Li A. (N), Clinical significance of the change of blood monocytic interleukin-1 production in vitro in severely burned patients, 302
Lo S. C-L., Lai W-T. and Kwok F. S-L., Protein C and protein S levels in some burn patients, Letter to the Editor, 186
Lopez Castillo J. J., see Perez Jiminez J. P., 532
Lou S. F., see Chen Z. R., 311
Luo J-H., see Gao J-H., 65
Luo Z-H., see Liu X-S., 40, 302
Luscher N. J., see de Roche R., 58
Lusthaus S., see Benmeir P., 248, 281

MacNeil S., What role does the extracellular matrix serve in skin grafting and wound healing?, S67
Mackie D. P., see Kreis R. W., S39
Mackie D. P., van Hertum W. A. J., Schumburg, Th, Kuijper E. C., Knape P. and Massaro F., Reduction in *Staphylococcus aureus* wound colonization using nasal mupirocin and selective decontamination of the digestive tract in extensive burns, S14
Magliacani G., see Peruccio D., 118
Magliacani G., see Castagnoli C., 430
Malakhov S. F., Paramonov B. A., Vasiliev A. V. and Terskikh V. V., Preliminary report of the clinical use of cultured allogeneic keratinocytes, 463
Manek S., see Navsaria H., S57
Mani M. M., see Canady J. W., 115
Martinot V., Mitchell V., Fevrier P., Duhamel A. and Pellerin P., Comparative study of split thickness skin grafts taken from the scalp and thigh in children, 146
Massaro F., see Mackie D. P., S14
Matsuda H., see Yano K., 36
Matsuka K., see Yano K., 36
Matthews R. N., see Eltigani E., 87
McGonigle R. J. S., see Davies, M. P., 71
McKay I., Woodward B., Wood K., Navsaria H. A., Hoekstra H. and Green C., Reconstruction of human skin from glycerol-preserved allodermis and cultured keratinocyte sheets, S19
McKenzie A. W., see Zoltie N., 368
McManus D. T., see Sinclair J. S., 469
McNee J., see Carney S. A., 163
Mikkelsen S. S., see Lindblad B. E., 173
Millar R., see Sinclair J. S., 469
Miller J. G., Bunting P., Burd D. A. R. and Edwards J. D., Early cardiorespiratory patterns in patients with major burns and pulmonary insufficiency, 542
Mintz P. D., see Moghtader J. C., 176
Mirabet V., see Reig A., 51
Mitchell V., see Martinot V., 146
Moghtader J. C., Edlich R. F., Mintz P. D., Zachman G. C. and Himel H. N., The use of recombinant human erythropoietin and cultured epithelial autografts in a Jehovah's Witness with a major thermal injury, 176
Moiniche S., Pedersen J. L. and Kehlet H., Topical ketorolac has no antinociceptive or anti-inflammatory effect in thermal injury, 483
Momigliano R. P., see Castagnoli C., 430
Momigliano R. P., see Peruccio D., 118
Morgan R. F., see Himel H. N., 244
Muhammad I., see Kalayi G. D., 356
Mühlbauer W., see Schiozer W. A., 503
Mulawkar P. M., see Akhtar M., 351
Munster A. M., Smith-Meek M. and Sharkey P., The effect of early surgical intervention on mortality and cost-effectiveness in burn care, 1978–91, 61

Nath S., Erzingatsian K. and Simonde S., Management of post-burn contracture of the neck, 438
Navarro-Monzonis A., see Benito-Ruiz J., 553
Navsaria H., Kangesu T., Manek S., Green C. J. and Leigh I. M., An animal model to study the significance of dermis for grafting cultured keratinocytes on full thickness wounds, S57
Navsaria H. A., see McKay I., S19
Neetens C., see Peeters R., S32
Newman A., see Benmeir P., 248, 281
Neuman A., see Eldad A., 262
Nguyen H., see Giele H. P., 278
Nieman G. F., Cigada M., Paskanik A. M., Del Pozzo J., Clark W. R., Camporesi E. M. and Hakim T. S., Comparison of high-frequency jet to conventional mechanical ventilation in the treatment of severe smoke inhalation injury, 157
Noonan T., Carter E. J., Edelman P. A. and Zawacki B. E., Epidermal lipids and the natural history of hydrofluoric acid (HF) injury, 202
Noorily M. J. see Balakrishnan C., 371
Nyhan W., see Tenenhaus M., 220
Ohara M., see Tenenhaus M., 220
O'Hara M. D., see Sinclair J. S., 469
O'Neill T. J., see Zoltie N., 368
Omizo M., see Yotsuyanagi T., 55
Orlet H. K., see Still Jr J. M., 539
Orlet K., see Still J. M., 467

Pal S. S., see Rakesh S., 276
Palao R., see Garcia-Sanchez V., 537
Pandya N. J., see Sunavala J. D., 267
Panzica G. C., see Stella M., 491
Pape S. A. and Hodgkinson P., Letter to the Editor, 281
Paramonov B. A., see Malakhov S. F., 463
Park S. M., Zachmann G. C., Holliday W. L., Fryburg D. A., Edlich R. F. and Himel H. N., Non-insulin-dependent diabetes mellitus: diagnostic and therapeutic challenges in the severely burned patient, 273
Paskanik A. M., see Nieman G. F., 157
Pedersen J. L., see Moiniche S., 483
Peeters R., De Caluwe D., Neetens C. and Hubens A., The use of glycerolized cadaver skin for the treatment of scalds in children, S32
Pegg S. P., see King S. D., 256
Pejnovic N., see Kataranovski M., 403
Pellerin P., see Martinot V., 146
Perez Jiminez J. P., Gomez Bajo G. J., Lopez Castillo J. J., Salvador-Robert M. and Garcia Torres V., Psychiatric consultation and post-traumatic stress disorder in burned patients, 532
Peruccio D., Castagnoli C., Stella M., D'Alfonso S., Momigliano R. P., Maliacani G. and Teich Alasia S., Altered biosynthesis of tumour necrosis factor (TNF) alpha is involved in postburn hypertrophic scars, 118
Pescia G., see Krupp S., 15
Petit P., see Bernard F., 529
Petrovic M., see Sevaljevic L., 122
Piggott T. A., see Wilson S. W., 92
Prasad J. K., see Balakrishnan C., 365, 371
Prasanna M., Singh K. and Kumar P., Early tangential excision and skin grafting as a routine method of burn wound management: an experience from a developing country, 446

Rakesh S., Sushil T., Pal S. S. and Ajay A., An unusual mechanism of burn injury during defaecation 276
Ramanathan C., Ekpenyong L. and Stevenson J. H., Scald burns in children caused by hot drinks – the importance of the type of cup, 111
Ramieri G., see Stella M., 491
Rapajic M., see Kataranovski M., 403
Reig A., Tejerina C., Baena P. and Mirabet V., Massive burns: a study of epidemiology and mortality, 51
Rider M. A. and Chell J., Iatrogenic haematoma causing airway obstruction in a burned patient, 260
Rizzo F., see El Hadidy M., 226
Roberts A. H. N., see Batchelor J. S., 74
Rode H., see Hudson D. A., 251, 434
Rossello J., see Farriol M., 496
Russell R. C., see Hussmann J., S61

Sagi A., see Benmeir P., 248
Salvador-Robert M., see Perez Jiminez J. P., 532
Sarhadi N. S., see Chapman J. C., 106
Sarma B. P. and Sarma N., Epidemiology, morbidity, mortality and treatment of burn injuries – a study in a peripheral industrial hospital, 253
Sarma N., see Sarma B. P., 253
Sato R., see Cianci P., 5
Sawada Y., A method of recording and objective assessment of hypertrophic burn scars, 76
Sayal A., see Selmanpakoglu A. N., 99
Scheirer R. C., see Still Jr J. M., 85
Schiozer W. A., Hartinger A., Henckel G., Donnersmarck V. and Mühlbauer W., Composite grafts of autogenic cultured epidermis and glycerol-preserved allogeneic dermis for definitive coverage of full thickness burn wounds, 503
Schumburg Th, see Mackie D. P., 514
Schwartz S., see Farriol M., 496
Selmanpakoğlu A. N., Çetin C., Sayal A. and Işimer, A., Trace element (Al, Se, Zn, Cu) levels in serum, urine and tissues of burn patients, 99
Sen N. and Dhanraj P., Use of face mask continuous positive airway pressure (CPAP) in patients with refractory hypoxaemia caused by burn sepsis, 271
Settle J. A. D., see Sheth H., 334
Ševaljevic L., Petrović M. and Bogojević D., Pretreatment with α_2-macroglobulin leads to recovery of rats exposed to a lethal scald, 122
Shah A. C., see Sunavala J. D., 267
Sharkey P., see Munster A. M., 61
Sharma M., see Kumar P., 236
Sheridan R. L., see Bacha E. A., 499
Sheridan R. L. and Tompkins R. G., Prognostic significance of prehospital cardiac or pulmonary resuscitation in paediatric burns patients, 265
Sheridan R. L. Weber J. M. and Tompkins R. G., Femoral arterial catheterization in paediatric burn patients, 451
Sheth H., Dziewulski P. and Settle J. A. D., Self-inflicted burns: a common way of suicide in the Asian population: a 10-year retrospective study, 334
Signorini M., see El Hadidy M., 226
Simonde S., see Nath S., 438
Sinclair J. S., McManus D. T., O'Hara M. D. and Millar R., Fatal inhalation injury following an industrial accident involving acetic anhydride, 469
Singh K., see Prasanna M., 446
Smith L. R., see Hickerson W., L., S52
Smith-Meek M., see Munster A. M., 61
Soothill J. S., Bacteriophage prevents destruction of skin grafts by *Pseudomonas aeruginosa*, 209
Spauwen P. H. M., see Braam M. J. I., 360
Spilker G., see Horch R., S23, 45
Spilker G., see Kaiser H. W., 23
Stark G. B., see Horch R., S23, 45
Stark G. B., see Kaiser H. W., S23
Stark G. B. and Kaiser H. W., Cologne Burn Centre experience with glycerol-preserved allogenic skin: Part II: combination with autologous cultured keratinocytes, S34
Steenkamp W. C., Botha N. J. and Van der

Merwe A. E., The prevalence of alcohol dependence in burned adult patients, 522
Steeves R. H., see Tinsley E. S., 79
Steinan H. U., see Hussmann J., S61
Steinke M. S., see Lindblad B. E., 173
Stella M., see Castagnoli C., 430
Stella M., see Peruccio D., 118
Stella M., Calcagni M., Teich-Alasia S., Ramieri G., Cellino G. and Panzica G. C., Sensory endings in skin grafts and scars after extensive burns, 491
Stevenson J. H., see Carney S. A., 163
Stevenson J. H., see Ramanathan C., 111
Stewart I. P., see Hobson M. I., 442
Still J. M., Orlet H. K. and Law E. J., *Trichosporon beigelii* septicaemia in a burn patient, 467
Still Jr J. M., Orlet H. K. and Law E. J., Use of cultured epidermal autografts in the treatment of large burns, 539
Still Jr J. M., Scheirer R. C. and Law E. J., Caecal perforation due to colonic ulcer in a burn patient, 85
Subrahmanyam M., Honey-impregnated gauze versus amniotic membrane in the treatment of burns, 331
Sunavala J. D., Pandya N. J., Shah A. C., Tibrewala A. N., Gandhi B. V., Vani K. P. and Kharas R. J., Successful management of a patient with 95 per cent body surface area burns, 267
Sushil T., see Rakesh S., 276

Taggart I., see Chakrabarty K. H., 367
Taggart I., see Guy P. R., 561
Talisman R., see Benmeir P., 248
Tang Y-W., Fang R-H., Yu Y-Mi and Burk J. F., Enhanced amino acid uptake in both skeletal muscle and liver by burn plasma in rats, 508
Teich-Alasia S., see Peruccio D., 118
Teich-Alasia S., see Stella M., 491
Tejerina C., see Reig A., 51
Tenenhaus M., see Hansbrough J. F., 282
Tenenhaus M., Hansbrough J. F., Zapata-Sirvent R. L., Ohara M. and Nylan W., Supplementation of an elemental enteral diet with alanyl-glutamine decreases bacterial translocation in burned mice, 220
Terskikh V. V., see Malakhov S. F., 463
Tesauro P., see El Hadidy M., 226
Thomas S. S., see Carney S. A., 163
Thompson S. A., see Canady J. W., 115
Tibrewala A. N., see Sunavala J. D., 267
Tinsley E. S., Baldwin A. S., Steeves R. H., Himel H. N. and Edlich R. F., Surgeons', nurses', and bereaved families' attitudes towards dying in the burn centre, 79
Tjong J. W. R., Use of glycerol preserved skin in plastic surgery, S27
Tomera J. F. and Lilford K., Multivariate and vectorial analysis of pharmacological signalling: diaphragm inositol 1, 4, 5-triphosphate under the duress of burn trauma, 136
Tomera J. F., Lilford K. and Kukulka S. P., Polyinositol interrelationships in skeletal muscle under the duress of burn trauma, 212
Tompkins R. G., see Bacha E. A., 499
Tompkins R. G., see Sheridan R. L., 265, 451
Topley E. and Lawrence J. C., Haematology reports of routine blood films in patients with burns, 409
Tsai C-C., see Lai C-S., 151

Uysal A., see Karacaoglan N., 547
Uzunismail A., Alternative homograft skin sources, 187

Van Barre J., Buitenwerf J., Hoekstra M. J. and du Pont J. S., Virucidal effect of glycerol as used in donor skin preservation, S77
Van Der Merwe A. E., see Steenkamp W. C., 522
Van Hertum W. A. J., see Mackie D. D., S14
Vani K. P., see Sunavala J. D., 267
Vanjari S., see Batchelor J. S., 74
Varma R., see Kumar P., 557
Vasiliev A. V., see Malakhov S. F., 463
Verlende P., see Zoltie N., 368
Vilasco B., see Bernard F., 529
Vloemans A. F. P. M., see Brans T. A., S10
Vloemans A. F. P. M., see Kreis R. W., S39

Watson A. C. H., see Chapman J. C., 106
Waymack J. P., see Dong Y. L., 132
Webber J. D. see Balakrishnan C., 365
Weber J. M., see Sheridan R. L., 451
Weibel T. J., see Kim J., 200
Weinberg A., see Benmeir P., 248, 281
Winberg A., see Eldad A., 262
Weinzweig J., Gottlieb L. J. and Krizek T. J., Toxic shock syndrome associated with use of Biobrane in a scald burn victim, 180
Wexler M. R., see Benmeir P., 248
Wexler M. R., see Eldad A., 262
Wiesner L., see Krupp S., 15
Wilson R. F., see Balakrishnan C., 371
Wilson S. W. and Piggott T. A., Letter to the Editor, 92
Winistorfer B., see Krupp S., 15
Wood F., see Giele H. P., 278
Wood K., see McKay I., S19
Woodward B., see McKay I., S19
Wulf H. C., see Haedersdal M., 195

Xiao J. and Cai B. R., A clinical study of electrical injuries, 340

Yan T. Z., see Dong Y.-L., 132
Yang Z.-C., see Liu X.-S., 40, 302
Yano K., Hata Y., Matsuka K., Ito O. and Matsuda H., Effects of washing with a neutralizing agent on alkaline skin injuries in an experimental model, 36
Yokoi K., see Yotsuyanagi T., 55
Yotsuyanagi T., Yokoi K. and Omizo M., A simple and compressive splint for palmar skin grafting in young children with burns, 55
Yu Y.-Mi, see Tang Y.-W., 508

Zachmann G. C., see Moghtader J. C., 176
Zachman G. C., see Park S. M., 273
Zapata-Sirvent R. L., see Tenenhaus M., 220
Zawacki B. E., see Kim J., 200
Zawacki B. E., see Noonan T., 202
Zoltie N., Verlende P., O'Neill T. J. and McKenzie A. W., Lyell's syndrome on a burns unit, 368
Zongcheng Y., see Jing A., 128
Zuhlke A., see Hafemann B., 168

SUBJECT INDEX

absorbable skin tacs
  biomechanical performance, disposable graft stapler, 244
acetic anhydride
  fatal inhalation injury, 469
acute renal failure
  dialysis debate, 71
adjunctive hyperbaric oxygen
  hyperbaric oxygen therapy, thermal burns, 5
adolescent
  epidemiological determinants, paediatric, western India, 236
aftershave burns, 367
agar well diffusion assay
  bacterial susceptibility, various antimicrobials, concentrations non-toxic, human cells in culture, 426
airway obstructioin
  iatrogenic haematoma, 260
alanyglutamine
  supplementation, elemental enteral diet, bacterial translocation, mice, 220
alcohol dependence
  burned adult patients, 522
algebraic view point
  microskin grafting, 347
alkaline skin injuries
  washing, neturalizing agent, experimental model, 36
allodermis combination
  cultured epidermal autografts, permanent burn wound coverage, S52
allogeneic
  autologous microskin grafting, rabbit skin wounds, Biobrane overlay, 30
allogenic skin transplants
  cultured epidermal autografts, cyclosporin A medication, 15
alpha$_2$-macroglobulin
  lethal scald, 122
altered
  biosynthesis, tumour necrosis factor (TNF) alpha, postburn hypertrophic scars, 118
amniotic membrance
  honey-impregnated gauze, treatment of burns, 331
anaesthesia
  burns in children, Cape Town, 241
analgesia regimens
  burns centres in the UK, 360
animal model
  significance of dermis, grafting cultured keratinocytes, full thickness wounds, S57
anti-inflammatory
  topical ketorolac, antinociceptive, thermal injury, 483
antinociceptive
  topical ketorolac, anti-inflammatory, thermal injury, 483
argon beam coagulation
  split thickness skin graft, swine model, 115
argon laser
  pigmentation dependent, skin reactions, copper vapour laser, 195
Asian population
  self-inflicted burns, suicide, 10-year retrospective study, 334
attitudes towards dying
  surgeon's, nurses', bereaved families', 79
audit
  non-accidental injury, children, 442
autogenic cultured epidermis

composite grafts, glycerol-preserved allogeneic dermis, 503
autologous microskin grafting
allogeneic, rabbit skin wounds, Biobrane overlay, 30

baby oil
bitumen burns, 363
bacterial susceptibility
agar well diffusion assay, various antimicrobials, concentrations non-toxic, human cells in culture, 426
bacterial translocation
supplementation, elemental enteral diet, alanyl-glutamine, mice, 220
bacteriophage
skin grafts, *Pseudomonas aeruginosa*, 209
bereaved families'
surgeons', nurses', attitudes towards dying, 79
beta-haemolytic streptococcal infections
infections, 422
Biobrane
toxic shock syndrome, scald burn victim, 180
Biobrane overlay
allogeneic, autologous microskin grafting, rabbit skin wounds, 30
biomechanical performance
disposable graft stapler, absorbable skin tacs, 244
biosynthesis
altered, tumour necrosis factor (TNF) alpha, post burn hypertrophic scars, 118
bitumen burns
baby oil, 363
Bucharest, Romania
paediatric burns, 154
burn care future
burn care past, burn care present, 316
burn care past
burn care present, burn care future, 316
burn care present
burn care past, burn care future, 316
Burn eschar
mitochondrial electron transport, D1, organic solvent extractable component, 311
burn injury during defaecation, 276
burn sepsis
facemask continuous positive airway pressure, CPAP, refractory hypoxaemia, 271
burn trauma
polyinositol interrelationships, skeletal muscle, 212
burn wound management
early tangential excision, skin grafting, developing country, 446
burn-scarred children
morphological disturbances, compressive face garments, 256
burned adult patients
alcohol dependence, 522
burned children
Staphylococcus aureus colonization, toxin production, immunity, 514
burned hand
narrow pedicled intercostal cutaneous perforator flap, 65
burned patients
psychiatric consultation, post-traumatic stress disorder, 532
burned rats
epidermal growth factor, 496
burns
compressive splint, palmar skin grafting, young children, 55
dust explosion, 526
burns centres in the UK
analgesia regimens
burns in children
anaesthesia, Cape Town, 241
burns in pregnancy
maternal and fetal outcomes, 351
burns unit
lyell's syndrome, 368
burns victims
triage, management, nuclear disaster, 397

caecal perforation
colonic ulcer, 85
Cape Town
anaesthesia, burns in children, 241
primus stove burn, costly, preventable injury, 251
cardiorespiratory patterns
major burns, pulmonary insufficiency, 542
change of blood monocytic interleukin-1 production, 302
chest and abdominal wall defect
reconstruction, high voltage electrical injury, 557
children
domestic iron burns, 74
split-thickness skin grafts, scalp, thigh, 146
audit, non-accidental injury, 442
children and families consultation service
regional burns unit, local authority, 325
Cica-Care gel sheeting
hypertrophic scarring, 163
clinical burn wound infection
L-forms, *Staphylococcus aureus*, 83
clinical experiences
Cologne Burn Centre, glycerol preserved allogeneic skin, histological findings, overgraft and sandwich technique, S23
clothing burns
Zaria, 356
Cologne Burn Centre
glycerol preserved allogeneic skin, clinical experiences, histological findings, overgraft and sandwich technique, S23
glycerol-preserved allogeneic skin, combination with autologous cultured keratinocytes, S34
colonic ulcer
caecal perforation, 85
combination with autologous cultured keratinocytes
Cologne Burn Centre, glycerol-preserved allogeneic skin, S34
comparative analysis
two burns centres in Denmark, 173
composite grafts
autogenic cultured epidermis, glycerol-preserved allogeneic dermis, 503
compressive face garments
morphological disturbances, burn-scarred children, 256
compressive splint
palmar skin grafting, young children, burns, 55
concentrations non-toxic
agar well diffusion assay, bacterial susceptibility, various antimicrobials, human cells in culture, 426
contact burns
histopathological evaluation, scalds, pig model, S48
contemporary burn protocols
studies in children, metabolic response, 291
contraction and growth
deep wounds, non-meshed split thickness skin grafts, meshed split thickness skin grafts, 226
conventional mechanical ventilation
high-frequency jet, severe smoke injury, 157
copper vapour laser
pigmentation dependent, skin reactions, argon laser, 195
corneal burns
eyelid sparing, 561
cost effectiveness
early surgical intervention, mortality, 61
costly
primus stove burn, Cape Town, preventable injury, 251
costs of burn injuries
epidemiological data, Switzerland, 58
CPAP
facemask continuous positive airway pressure, refractory hyoxaemia burn sepsis, 271
cultured allogeneic keratinocytes, 463
cultured autologous keratinocytes
fibrin glue suspension, STS-allograft, 23
cultured epidermal autografts
allogenic skin transplants, cyclosporin A medication, 15
cultured epidermal autografts
allodermis combination, permanent burn wound coverage, S52
large burns, 539
cultured epithelial autografts
recombinant human erythropoietin, Jehovah's Witness, major thermal injury, 176
cultured keratinocyte sheets
reconstruction of human skin, glycerol-preserved allodermis, S19
cyclosporin A
skin allograft survival, 262
cyclosporin A medication
cultured epidermal autografts, allogenic skin transplants, 15
cytoskeletal actin
neutrophil structure, function, 416

D1, organic solvent extractable component
mitochondrial electron transport, burn eschar, 311
debridement
lymphoedema, lower extremities, extensive full skin thickness burns, 365
deep wounds
contraction and growth, non-meshed split thickness skin grafts, meshed split thickness skin grafts, 226
developing country
early tangential excision, skin grafting, burn wound management, 446
diabetes mellitus
non-insulin-dependent, diagnostic and therapeutic challenges, 273
diagnostic and therapeutic challenges
non-insulin-dependent, diabetes mellitus, 273
dialysis debate
acute renal failure, 71
diaphragm
multivariate, vectorial analysis, pharmacological signalling, inositol 1, 4, 5-triphosphate, 136
digestive tract
Staphylococcus aureus, wound colonization, nasal mupirocin, selective decontamination, S14
disposable graft stapler
biomechanical performance, absorbable skin tacs, 244
dust explosion
burns, 526
domestic iron burns
children, 74
donor skin preservation
virucidal effect, glycerol, S77
draining lymph node cells
post-traumatic activation, proliferative characteristics, phenotypic characteristics, 403
dynamic changes
fibrinopeptides A and B, vascular endothelial cells, 128

early cardiac index
measurements, severe burns, 529
early surgical intervention
mortality, cost effectiveness, 61
early tangential excision
skin grafting, burn wound management, developing country, 446
ectopic expression
ICAM-1, HLA Class II, hypertrophic scars, thermal injury, 430
elemental enteral diet
supplementation, alanylglutamine, bacterial

translocation, mice, 220
epidemiological data
costs of burn injuries, Switzerland, 58
epidemiological determinants
paediatric, adolescent, western India, 236
epidemiology and mortality
massive burns, 51
epidemiology
morbidity, mortality, treatment, peripheral industrial hospital, 253
epidermal growth factor
burned rats, 496
epidermal lipids
hydrofluoric acid (HF) injury, 202
erythema ab igne, 460
Euro Skin Bank
skin-banking, Europe based, glycerol-preservation of donor skin, S4
Europe based
Euro Skin Bank, skin-banking, glycerol-preservatiion of donor skin, S4
exchange programme
sister burn unit, 182
expanded skin flaps
postburn scar contracture, neck, 541
expansion techniques
skin grafts, mesh,
Meek island (sandwich-) grafts, S39
experimental chemical burn, 200
experimental model
washing, neutralizing agent, alkaline skin injuries, 36
extensive full skin thickness burns
lymphoedema, lower extremities, debridement, 365
extracellular matrix
skin grafting, wound healing, S67
extremity loss
skin, meningococcal septicaemia, 471
eyelid sparing
corneal burns, 561

facemask continuous positive airway pressure
CPAP, refractory hypoxaemia, burn sepsis, 271
fatal inhalation injury
acetic anhydride, 469
femoral arterial catheterization
paediatric burn patients, 451
fibrin glue suspension
cultured autologous keratinocytes, STS-allograft, 23
fibrinopeptides A and B
dynamic changes, vascular endothelial cells, 128
full thickness burns
management, lactating breasts, 278
full thickness wounds
animal model, significance of dermis, grafting cultured keratinocytes, S57
function
cytoskeletal actin, neutrophil structure, 416

glycerol
virucidal effect, donor skin preservation, S77
glycerol preserved skin
plastic surgery, S27
glycerol-preservation of donor skin
Euro Skin Bank, skin-banking, Europe based, S4
glycerol-preserved allodermis
reconstruction of human skin, cultured keratinocyte sheets, S19
glycerol-preserved allogeneic dermis
composite grafts, autogenic cultured epidermis, 503
glycerol-preserved allogeneic skin
Cologne Burn Centre, clinical experiences, histological findings, overgraft and sandwich technique, S23
glycerol-preserved allogeneic skin
Cologne Burn Centre, combination with autologous cultured keratinocytes, S34
glycerol-preserved allografts
scalds in children, S10
glycerol-preserved donor skin
immunogenicity, S71
glycerolized cadaver skin
treatment of scalds in children, S32
glycerolized human allografts
temporary cover, permanent cover, S61
grafting cultured keratinocytes
animal model, significance of dermis, full thickness wounds, S57

haematology
routine blood films, 409
high voltage electrical injury
reconstruction, chest and abdominal wall defect, 557
high-frequency jet
conventional mechanical ventilation, severe smoke injury, 157
histological findings
Cologne Burn Centre, glycerol-preserved allogeneic skin, clinical experiences, overgraft and sandwich technique, S23
histopathological evaluation
scalds, contact burns, pig model, S48
history Euro Skin Bank
preservation technologies, S43
HLA Class II
ectopic expression, ICAM-1, hypertrophic scars, thermal injury, 430
honey-impregnated gauze
amniotic membrane, treatment of burns, 331
hot drinks
scald burns, type of cup, 111
human cells in culture
agar well diffusion assay, bacterial susceptibility, various antimicrobials, concentrations non-toxic, 426
hydrofluoric acid (HF) injury
epidermal lipids, 202
hyperbaric oxygen therapy
adjunctive hyperbaric oxygen, thermal burns, 5
hypertrophic burn scars
recording, objective assessment, 76
hypertrophic scarring
Cica-Care gel sheeting, 163
hypertrophic scars
ectopic expression, ICAM-1, HLA Class II, thermal injury, 430

iatrogenic haematoma
airway obstruction, 260
ICAM-1
ectopic expression, HLA Class II, hypertrophic scars, thermal injury, 430
immune response of leucocytes
PGE, multiple experimental models, 132
immunity
Staphylococcus aureus colonization, toxin production, burned children, 514
immunogenicity
glycerol-preserved donor skin, S71
immunosuppression
T lymphocytes, 487
infections
beta-haemolytic streptococcal infections, 422
inositol 1, 4, 5-triphosphate
multivariate, vectorial analysis, pharmacological signalling, diaphragm, 136
inpatients and outpatients
paediatric burns, Scotland, regional centre, 106
inside travelling cars
molotov cocktail, new burn syndrome, 248
intoxications
phenol burns, 45
in vitro cultured keratinocytes
skin defects, 168

Jehovah's Witnesses
recombinant human erythropoietin, cultured epithelial autografts, major thermal injury, 176

L-forms
clinical burn wound infection, *Staphylococcus aureus*, 83
lactating breasts
management, full thickness burns, 278
large burns
cultured epidermal autografts,
lethal scald
alpha$_2$-macroglobulin, 122
local authority
regional burns unit, children and families consultation service, 325
lower extremities
lymphoedema, debridement, extensive full skin thickness burns, 365
Lyell's syndrome
burns unit, 368
lymphoedema
lower extremities, debridement extensive full skin thickness burns, 365

major burn
spontaneous pneumothorax, 178
major burns
cardiorespiratory patterns, pulmonary insufficiency, 542
major thermal injury
recombinant human erythropoietin, cultured epithelial autografts, Jehovah's Witness, 176
management
full thickness burns, lactating breasts, 278
triage, burns victims, nuclear disaster, 397
massive burns
epidemiology and mortality, 51
maternal and fetal outcomes
burns in pregnancy, 351
measurements
early cardiac index, severe burns, 529
measuring pain
visual analogue thermometer, 229
Meek island (sandwich-) grafts
expansion techniques, skin grafts, mesh, S39
mesh
expansion techniques, skin grafts, Meek island (sandwich-) grafts, S39
meshed split thickness skin grafts
contraction and growth, deep wounds, non-meshed split thickness skin grafts, 226
metabolic response
studies in children, contemporary burn protocols, 291
metastatic adenocarcinoma
recent burn scar, 371
mice
supplementation, elemental enteral diet, alanyl-glutamine, bacterial translocation, 220
microskin grafting
algebraic view point, 347
microskin grafts, 151
meningococcal septicaemia
skin, extremity loss, 471
mitochondrial electron transport
D1, organic solvent extractable component, burn eschar, 311
Molotov cocktail
inside travelling cars, new burn syndrome, 248
morbidity
epidemiology, mortality, treatment, peripheral industrial hospital, 253
morphological disturbances
burn-scarred children, compressive face garments, 256
mortality
early surgical intervention, cost effectiveness, 61
epidemiology, morbidity, treatment, peripheral industrial hospital, 253
multiple experimental models

PGE, immune response of leucocytes, 132
multivariate
vectorial analysis, pharmacological signalling, diaphragm, inositol 1, 4, 5-triphosphate, 136

narrow pedicled intercostal cutaneous perforator flap burned hand, 65
nasal mupirocin
Staphylococcus aureus, wound colonization, selective decontamination, digestive tract, S14
neck
postburn scar contracture, expanded skin flaps, 547
neutralizing agent
washing, alkaline skin injuries, experimental model, 36
neutrophil structure
cytoskeletal actin, function, 416
new burn syndrome
Molotov cocktail, inside travelling cars, 248
95 per cent body surface area burns
successful management, 267
non-accidental injury
audit, children, 442
non-insulin-dependent
diabetes mellitus, diagnostic and therapeutic challenges, 273
non-meshed split thickness skin grafts
contraction and growth, deep wounds, meshed split thickness skin grafts, 226
nuclear disaster
triage, management, burns victims, 397
nurses'
surgeons', bereaved families', attitudes towards dying, 79

objective assessment
recording, hypertrophic burn scars,
oven cleaner, 336
overgraft and sandwich technique
Cologne Burn Centre, glycerol-preserved allogeneic skin, clinical experiences, histological findings, S23

paediatric
epidemiological determinants, adolescent, western India, 236
paediatric burn patients
femoral arterial catheterization, 451
paediatric burns
Bucharest, Romania, 154
prognostic significance, prehospital cardiac resuscitation, prehospital pulmonary resuscitation, 265
Scotland, inpatients and outpatients, regional centre, 106
staphylococcal toxic shock syndrome, 499
palmar skin grafting
compressive splint, young children, burns, 55
peripheral industrial hospital
epidemiology, morbidity, mortality, treatment, 253
permanent burn wound coverage
cultured epidermal autografts, allodermis combination, S52
permenent cover
glycerolized human allografts, temporary cover, S61
PGE
multiple experimental models, immune response of leucocytes, 132
pharmacological signalling
multivariate, vectorial analysis, diaphragm, inositol 1, 4, 5-triphosphate, 136
phenol burns
intoxications, 45
phenotypic characteristics
post-traumatic activation, draining lymph node cells, proliferative characteristics, 403
pig model
histopathological evaluation, scalds, contact burns, S48
pigmentation dependent
skin reactions, copper vapour laser, argon laser, 195
plastic surgery
glycerol preserved skin, S27
polyinositol interrelationships
skeletal muscle, burn trauma, 212
postburn hypertrophic scars
altered, biosynthesis, tumour necrosis factor (TNF) alpha, 118
post traumatic stress disorder
psychiatric consultation, burned patients, 532
post-traumatic activation
draining lymph node cells, proliferative characteristics, phenotypic characteristics, 403
postburn contracture of the neck, 438
postburn scar contracture
neck, expanded skin flaps, 547
prehospital cardiac resuscitation
prognostic significance, prehospital pulmonary resuscitation, paediatric burns, 265
prehospital pulmonary resuscitation
prognostic significance, prehospital cardiac resuscitation, paediatric burns, 265
preservation technologies
history Euro Skin Bank, S43
preventable injury
primus stove burn, Cape Town, costly, 251
primus stove burn
Cape Town, costly, preventable injury, 251
prognostic significance
prehospital cardiac resuscitation, prehospital pulmonary resucitation, paediatric burns, 265
proliferative characteristics
post-traumatic activation, draining lymph node cells, phenotypic characteristics, 403
Pseudomonas aeruginosa
bacteriophage, skin grafts, 209
psychiatric consultation
post-traumatic stress disorder, burned patients, 532
pulmonary insufficiency
cardiorespiratory patterns, major burns, 542

rabbit skin wounds
allogeneic, autologous microskin grafting, Biobrane overlay, 30
recent burn scar
metastatic adenocarcinoma, 371
recombinant human erythropoietin
cultured epithelial autografts, Jehovah's witness, major thermal injury, 176
reconstruction
chest and abdominal wall defect, high voltage electrical injury, 557
reconstruction of human skin glycerol-preserved allodermis, cultured keratinocyte sheets, S19
recording
objective assessment, hypertrophic burn scars, 76
refractory hypoxaemia
facemask continuous positive airway pressure, CPAP, burn sepsis, 271
regional burns unit
local authority, children and families consultation service, 325
regional centre
paediatric burns, Scotland, inpatients and outpatients, 106
respiratory distress
scalds in children, 434
routine blood films
haematology, 409

scald burn victim
toxic shock syndrome, Biobrane, 180
scald burns
hot drinks, type of cup, 111
scalds
histopathological evaluation, contact burns, pig model, S48
scalds in children
glycerol-preserved allografts, S10
respiratory distress, 434
scalp
split-thickness skin graft, thigh, children, 146
scars after extensive burns
sensory endings, skin grafts, 491
Scotland
paediatric burns, inpatients and outpatients, regional centre, 106
selective decontamination
Staphylococcus aureus, wound colonization, nasal mupirocin, digestive tract, S14
self-inflicted burns, 537
self-inflicted burns
suicide, Asian population, 10-year retrospective study, 334
sensory endings
skin grafts, scars after extensive burns, 491
serum
trace element (Al, Se, Zn, Cu), urine, tissues, 99
serum tumour necrosis factor (TNF), 40
severely burned patients
early cardiac index, measurements, 529
severe electric burn
skull, 553
severe smoke injury
high-frequency jet, conventional mechanical ventilation, 157
significance of dermis
animal model, grafting cultured keratinocytes, full thickness wounds, S57
sister burn unit
exchange programme, 182
skeletal muscle
polyinositol interrelationships, burn trauma, 212
skin
extremity loss, meningococcal septicaemia, 471
skin allograft survival
cyclosporin A, 262
skin defects
in vitro cultured keratinocytes, 168
skin grafting
extracellular matrix, wound healing, S67
early tangential excision, burn wound management, developing country, 446
skin grafts
bacteriophage, *Pseudomonas aeruginosa*, 209
expansion techniques, mesh, meek island (sandwich-) grafts, S39
sensory endings, scars after extensive burns, 491
skin reactions
pigmentation dependent, copper vapour laser, argon laser, 195
skin-banking
Euro Skin Bank, Europe based, glycerol-preservation of donor skin, S4
skull
severe electric burn, 553
split thickness skin graft
argon beam coagulation, swine model, 115
split-thickness skin grafts
scalp, thigh, children, 146
spontaneous pneumothorax
major burn, 178
staphylococcal toxic shock syndrome
paediatric burns, 499
Staphylococcus aureus
clinical burn wound infection, L-forms, 83
wound colonization, nasal mupirocin, selective decontamination, digestive tract, S14
Staphylococcus aureus colonization
toxin production, immunity, burned children, 514
STS-allograft
cultured autologous keratinocytes, fibrin glue suspension, 23
studies in children
metabolic response, contemporary burn proto-

cols, 291
successful management
95 per cent body surface area burns, 267
suicide
self-inflicted burns, Asian population, 10-year retrospective study, 334
sunbed burns, 87
supplementation
elemental enteral diet, alanylglutamine, bacterial translocation, mice, 220
surgeons'
nurses', bereaved families', attitudes towards dying, 79
swine model
argon beam coagulation, split thickness skin graft, 115
Switzerland
epidemiological data, costs of burn injuries, 58

T lymphocytes
immunosuppression, 487
temporary cover
glycerolized human allografts, permenent cover, S61
10-year retrospective study
self-inflicted burns, suicide, Asian population, 334
thermal burns
adjunctive hyperbaric oxygen, hyperbaric oxygen therapy, 5
thermal injury
ectopic expression, ICAM-1, HLA Class II, hypertrophic scars, 430
topical ketorolac, antinociceptive, anti-inflammatory, 483
thigh
split-thickness skin grafts, scalp, children, 146
tissues
trace element (Al, Se, Zn, Cu), serum, urine, 99
topical ketorolac
antinociceptive, anti-inflammatory, thermal injury, 483
toxic shock syndrome
Biobrane, scald burn victim, 180
toxin production
Staphylococcus aureus colonization, immunity, burned children, 514
trace element (Al, Se, Zn, Cu)
serum, urine, tissues, 99
treatment
epidemiology, morbidity, mortality, peripheral industrial hospital, 253
treatment of burns
honey-impregnated gauze, amniotic membrane, 331
treatment of scalds in children
glycerolized cadaver skin, S32
triage
management, burns victims, nuclear disaster, 397
tumour necrosis factor (TNF) alpha
altered, biosynthesis, postburn hypertrophic scars, 118
two burns centres in Denmark
comparative analysis, 173
type of cup
scald burns, hot drinks, 111

urine
trace element (Al, Se, Zn, Cu), serum, tissues, 99
various antimocribials
agar well diffusion assay, bacterial susceptibility, concentrations non-toxic, human cells in culture, 426
vascular endothelial cells
dynamic changes, fibrinopeptides A and B, 128
vectorial analysis
multivariate, pharmacological signalling, diaphragm, inositol 1, 4, 5-triphosphate, 136
virucidal effect
glycerol, donor skin preservation, S77
visual analogue thermometer
measuring pain, 229

washing
neutralizing agent, alkaline skin injuries, experimental model, 36
western India
epidemiological determinants, paediatric, adolescent, 236
wound colonization
Staphylococcus aureus, nasal mupirocin, selective decontamination, digestive tract, 14
wound healing
extracellular matrix, skin grafting, S67

young children
compressive splint, palmar skin grafting, burns, 55

Zaria
clothing burns, 356